A B S T R A C T

First, the wave-front aberration in an optical
system PL subject to measurement is measured using a
measuring system 70 according to a usual method. After
5   that, by using calculated correction information for
aberration components of a second set of order terms
based on a model for the measuring system 70 and
aberration components of a first set of order terms
measured before, the result of measuring aberration
10   components of the second set of order terms is corrected.
As a result, aberration components of the second set of
order terms can be accurately obtained, so that the wave-
front aberration in the optical system subject to
measurement is accurately obtained.

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